WASTE MANAGEMENT
SURFACE EMISSION MONITORING
CALIBRATION AND PERTINENT DATA

Date: 6-27-16 Site Name: Cottonwood Hills

WEATHER OBSERVATIONS

Wind Speed: 6 MPH Wind Direction: NE Barometric Pressure: 30.06

Air Temperature: 87 deg F General Weather Conditions: M. Cloudy

CALIBRATION INFORMATION

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID: 30987664 Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	-0.8	480	20
2	-0.6	485	15
3	-0.7	482	18

Average Difference: 17.66

Calibration Precision = Average Difference/Cal Gas Conc. X 100%

0.0353

Post-monitoring Calibration Check

Zero Air Reading: -0.8 ppm Cal Gas Reading: 483 ppm

BACKGROUND CONCENTRATION CHECKS

Upwind Location Description: N. Access Road Reading: 2.3 ppm

Downwind Location Description: SW Access Road Reading: 2.4 ppm

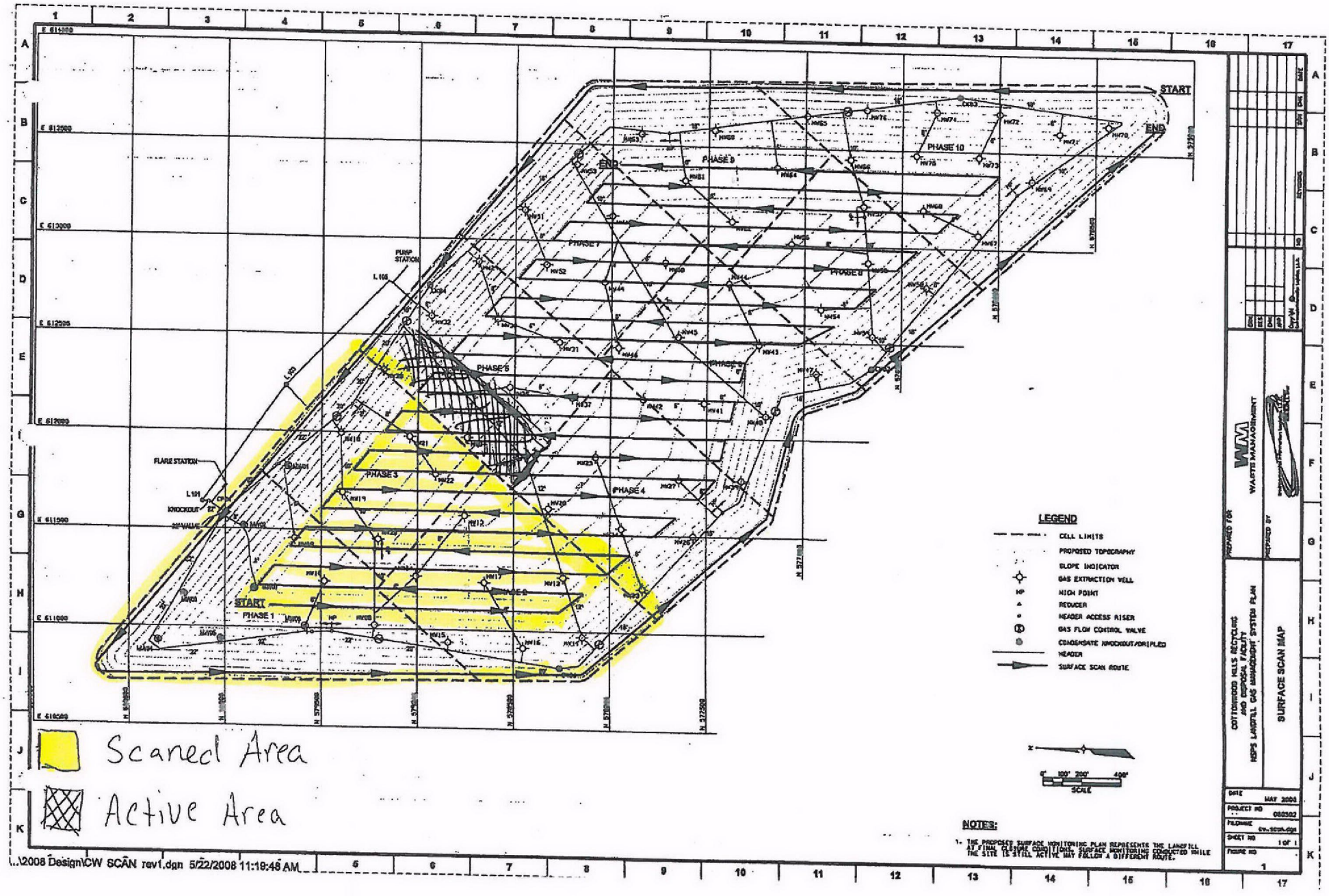
NOTES:

Nothing over 500 ppm observed

Brandy Sanchez

SEM Cal Form

WM00223


START
END
PHASE 10
PHASE 9
PHASE 7
PHASE 8
PHASE 6
PHASE 5
PHASE 3
PHASE 4
PHASE 2
PHASE 1
PUMP STATION
FLARE STATION
KNOCKOUT
LEGEND
CELL LIMITS
PROPOSED TOPOGRAPHY
SLOPE INDICATOR
GAS EXTRACTION WELL
HIGH POINT
REDUCER
HEADER ACCESS RISER
GAS FLOW CONTROL VALVE
CONDENSATE KNOCKOUT/DRIPLEG
HEADER
SURFACE SCAN ROUTE
Scaned Area
Active Area
NOTES:
1. THE PROPOSED SURFACE MONITORING PLAN REPRESENTS THE LANDFILL AT FINAL CLOSURE CONDITIONS. SURFACE MONITORING CONDUCTED WHILE THE SITE IS STILL ACTIVE MAY FOLLOW A DIFFERENT ROUTE.
COTTONWOOD HILLS RECYCLING AND DISPOSAL FACILITY
MSW LANDFILL GAS MANAGEMENT SYSTEM PLAN
SURFACE SCAN MAP
WASTE MANAGEMENT
MAY 2008
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